Index of Claims



Application/Control No.

10/522,523

Examiner

**Gregory Listvoyb** 

Applicant(s)/Patent under Reexamination

MARCK ET AL.

Art Unit

1711

| <b>√</b> | Rejected |
|----------|----------|
| 1        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla          | aim      |               |          |              |          | Dat  | e              |  |          |          |     | Cla  | im       |          | _  |              |          | Da       |
|--------------|----------|---------------|----------|--------------|----------|--|----------------|--|----------|----------|-----|--|----------|----------|--|--------------|----------|----------|
| Final        | Original | 2/28/07       |          |              |          |  |                |  |          |          |     | Final  | Original | 2/28/07  |  |              |          |          |
|              | 1        | +             |          |              |          |  |                |  |          |          |     |  | 51       | +        |  |              |          |          |
|              | 2        | +             |          |              |          |  |                |  |          |          |     |  | 52       | +        |  |              |          |          |
|              | 3        | +             |          | L            |          | L  |                | L  |          |          |     |  | 53       | +        | $ldsymbol{ld}}}}}}$ |              |          | L        |
|              | 4        | +             |          | <u> </u>     | L        | _  | <u> </u>       |  |          |          |     |  | 54       | +        | _  |              |          | L        |
|              | 5        | +             |          | <u> </u>     | L        | <u> </u>   | Ь              | Щ  | ᆫ        | L        |     |  | 55       | +        | <u> </u>   |              |          | L        |
|              | 6        | +             |          | <u> </u>     | L        | <u> </u>   | _              | _  | _        | <u> </u> |     |  | 56       | +        | <u> </u>   |              |          | L        |
|              | 7        | +             |          | _            | <u> </u> | <u> </u>   | <u> </u>       | _  | L        | _        |     |  | 57       | +        | <u> </u>   | <u> </u>     |          | L        |
|              | 8        | +             | _        | ┡            | _        | <u> </u>   | _              | _  | ⊢        | _        |     |  | 58       | +        | -  | Н            |          | L        |
|              | 9        | +             | _        | Ͱ            | _        | <u> </u>   | <u> </u>       | ⊢  | ⊢        | ┝        | 1   |  | 59       | +        | <u> </u>   | Н            |          | L        |
|              | 10<br>11 | +             |          | _            | $\vdash$ | _  |                | H  | ⊢        | _        |     |  | 60       | +        | _  |              |          | -        |
|              | 12       | +             | -        | ├—           | ┝        | -  | $\vdash$       | ⊢  | ⊢        | ⊢        |     |  | 61<br>62 | +        | <del> </del>   | -            |          | ┢        |
| <b>-</b>     | 13       | +             | -        | -            | $\vdash$ | ├─   | $\vdash$       | ⊢  | ├        | ├        | ł   |  | 63       | +        | <u> </u>   | Н            | _        | ┝        |
|              | 14       | +             | -        | -            | $\vdash$ | $\vdash$   | $\vdash$       | -  | $\vdash$ | ┝        | 1   |  | 64       | +        | $\vdash$   | Н            | _        | ┢        |
| <u> </u>     | 15       | +             |          | ╁╾           | $\vdash$ | <del>                                     </del> |                | H  | H        |          |     |  | 65       | +        | $\vdash$   |              |          | ┢        |
|              | 16       | +             |          |              | $\vdash$ | $\vdash$   |                | ┢  | $\vdash$ | $\vdash$ |     |  | 66       | +        | H  | Н            |          | t        |
|              | 17       | +             |          |              |          |  |                |  |          |          |     |  | 67       | +        | Ι-   |              |          | t        |
|              | 18       | +             |          | $\vdash$     | $\vdash$ | Т  | Т              | <u>.                                    </u> |          | Т        |     |  | 68       | _        | $\vdash$   |              |          | T        |
|              | 19       | +             |          | $\vdash$     | $\vdash$ | $\vdash$   |                | Н  | Н        | Н        |     |  | 69       | $\vdash$ | $\vdash$   |              |          | r        |
|              | 20       | +             |          |              | ┢        |  | $\vdash$       |  | Г        |          | 1   |  | 70       |          |  |              |          | T        |
|              | 21       | +             |          | $\vdash$     |          | Г  | $\vdash$       | <u> </u>                                     |          |          |     |  | 71       |          |  |              |          | T        |
|              | 22       | +             |          |              |          |  |                |  |          |          |     |  | 72       |          |  |              |          | T        |
|              | 23       | +             |          |              | i        | $\Box$   | Г              |  | Г        |          | 1   |  | 73       |          |  |              |          | Γ        |
|              | 24       | +             |          |              |          | П  |                | П  | П        |          |     |  | 74       |          |  |              |          | T        |
|              | 25       | +             |          | П            |          |  |                |  |          |          |     |  | 75       |          |  |              |          | Г        |
|              | 26       | +             |          |              |          |  |                |  |          |          | j   |  | 76       |          |  |              |          |          |
|              | 27       | +             |          |              |          |  |                |  |          |          | ]   |  | 77       |          |  |              |          |          |
|              | 28       | +             |          |              |          |  |                |  |          |          | ] ; |  | 78       |          |  |              |          | L        |
|              | 29       | +             |          |              |          |  |                |  |          | L        | ]   |  | 79       |          | L  |              |          | L        |
|              | 30       | +             | _        | L            | <u> </u> | L  | L              | L  | 匚        | L        | ]   |  | 80       | L        | L  |              |          | L        |
|              | 31       | +             |          |              | L        |  |                | L  | L        | L.       | ]   |  | 81       |          | L  | L            |          | L        |
|              | 32       | +             |          |              | L        | _  | _              | L  | Ш        |          | Į   |  | 82       |          |  |              |          | L        |
|              | 33       | +             |          | L            | <u> </u> | ļ  | _              | L  | <u> </u> | <u> </u> |     | <u></u>  | 83       | _        |  | $oxed{oxed}$ |          | L        |
|              | 34       | +             | L        | L.,          | _        | <u></u>  | L.             | L.,  | L_       | ļ        | ļ   | <u></u>  | 84       | _        |  |              |          | L        |
| <u> </u>     | 35       | +             |          | <u> </u>     | <u> </u> |  |                | <u> </u>                                     | ļ        | <u> </u> |     | <u></u>  | 85       | _        | _  | L            |          | L        |
|              | 36       | +             | _        | <u> </u>     | <u> </u> | <u> </u>   | <u> </u>       | <u> </u>                                     | ╙        | <u> </u> |     | <u> </u>   | 86       | <u> </u> | L  | L.,          |          | L        |
|              | 37       | +             |          | ⊢            | $\vdash$ | <u> </u>   | $\vdash$       | $\vdash$                                     | ┡        | ⊢        |     | <u> </u>   | 87       | <u> </u> | <u> </u>   | <u> </u>     | <u> </u> | L        |
| <u> </u>     | 38       | +             | _        | <del> </del> | $\vdash$ | <u> </u>   | $\vdash$       | $\vdash$                                     | $\vdash$ | $\vdash$ |     | <u> </u>   | 88       |          | $\vdash$   | $\vdash$     | _        | $\vdash$ |
| <b> </b>     | 39       | +             |          | ├            | ├        | ├-   | $\vdash$       | <del> </del>                                 | ├        | -        | ł   | <u> </u>   | 89       | $\vdash$ | -  | $\vdash$     | <u> </u> | ╀        |
| <u> </u>     | 40       | +             | <u> </u> | ├—           | ├-       | <u> </u>   | -              | ŀ-   | ├-       | ├-       | ł   | <u> </u>   | 90       | ⊢        | ├-   | H            |          | ⊦        |
| <del> </del> | 41       | +             |          | ⊢            | <u> </u> | <del>  -</del>                                   | <del>  -</del> | ├-   | -        | $\vdash$ | ł   | <b> </b> -                                       | 91       | -        | ⊢  |              | _        | $\vdash$ |
| -            | 42<br>43 | +             | <u> </u> | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$       | $\vdash$                                     | $\vdash$ | -        | ł   | <u> </u>   | 92<br>93 | ├        | ├  | -            | _        | $\vdash$ |
| <u> </u>     | 44       | +             | <u> </u> | ├            | $\vdash$ | $\vdash$   | $\vdash$       | $\vdash$                                     | $\vdash$ | ⊢        | ł   | <u> </u>   |          | $\vdash$ | $\vdash$   | -            | -        | ╀        |
| <del> </del> | 45       | +             | <u> </u> | ├            | ⊢        | -  | $\vdash$       | $\vdash$                                     | $\vdash$ | $\vdash$ | ł   | <del>                                     </del> | 94<br>95 | $\vdash$ | ⊢  | $\vdash$     | -        | ╁        |
| $\vdash$     | 46       | +             |          | $\vdash$     | $\vdash$ | -  | $\vdash$       | -  | ├-       | $\vdash$ | ł   | <del> </del>                                     | 96       | $\vdash$ | $\vdash$   | $\vdash$     | _        | ╁        |
|              | 47       | +             | _        | $\vdash$     | $\vdash$ | -  | ļ              | ├  | ┢        | -        | ł   | <del> </del>                                     | 97       | $\vdash$ | $\vdash$   | $\vdash$     | H        | ┝        |
| <del> </del> | 48       | +             | $\vdash$ | ├-           | $\vdash$ | $\vdash$   | $\vdash$       | $\vdash$                                     | $\vdash$ | -        | ł   | <del> </del>                                     | 98       | ├        | $\vdash$   |              | -        | ⊦        |
|              |          | $\overline{}$ | -        | -            | $\vdash$ | <del> </del> —                                   | $\vdash$       | $\vdash$                                     | $\vdash$ | -        | ł   | <del> </del>                                     | 99       | ├        | $\vdash$   | -            | $\vdash$ | ⊦        |
|              | 49       | +             |          |              |          |  |                |  |          |          |     |  |          |          |  |              |          |          |

| Cla      | aim      |         |   |          | . [      | Date     |          |          |          |          |
|----------|----------|---------|---|----------|----------|----------|----------|----------|----------|----------|
|          |          |         |   |          |          |          |          |          |          |          |
| Final    | Original | 2/28/07 |   |          |          |          |          |          |          |          |
|          | 51       | +       |   |          |          |          |          |          |          |          |
|          | 52       | +       |   |          |          |          |          |          |          |          |
|          | 53       | +       |   |          |          |          |          |          |          |          |
|          | 54       | +       |   |          |          |          |          |          | Ш        |          |
|          | 55       | +       |   |          |          |          |          |          |          |          |
|          | 56       | +       | _ |          |          |          | _        |          |          |          |
|          | 57       | +       |   |          |          |          |          |          | Ш        |          |
|          | 58       | +       |   |          |          |          |          |          | -        |          |
|          | 59<br>60 | +       |   |          |          |          |          |          |          |          |
|          | 61       | +       | _ |          |          |          |          | -        | -        |          |
|          | 62       | +       |   |          |          |          | _        | _        |          |          |
|          | 63       | +       |   | _        |          |          |          |          |          |          |
|          | 64       | +       |   |          |          |          |          |          |          |          |
|          | 65       | +       |   |          |          |          |          |          |          |          |
|          | 66       | +       |   |          |          |          |          |          |          |          |
|          | 67       | +       |   |          |          |          |          |          |          |          |
|          | 68       |         |   |          |          |          |          |          |          | _        |
| <u> </u> | 69       |         |   |          |          |          |          |          |          |          |
|          | 70       |         |   | _        | Н        |          |          |          |          | _        |
| -        | 71<br>72 |         | _ |          | -        |          |          | _        |          | _        |
|          | 73       |         |   | <u> </u> |          |          |          | _        |          | _        |
|          | 74       |         |   |          | Н        |          |          |          |          | -        |
|          | 75       |         |   |          |          |          |          |          |          |          |
|          | 76       |         |   |          |          |          |          |          |          |          |
|          | 77       |         |   |          |          |          |          |          |          |          |
| <u> </u> | 78       |         |   |          | Ш        |          |          |          |          |          |
| <u> </u> | 79       |         |   |          | Ш        |          |          |          |          |          |
| <u> </u> | 80       |         |   |          |          | _        |          |          |          | _        |
|          | 81       |         |   |          | Н        |          |          |          |          | _        |
| <u> </u> | 82<br>83 |         |   |          | Н        |          | _        |          |          |          |
|          | 84       | _       | Н |          | Н        | $\vdash$ | $\vdash$ | $\vdash$ |          |          |
|          | 85       |         |   |          |          |          |          |          | -        | _        |
|          | 86       |         | _ |          |          |          |          |          |          |          |
|          | 87       |         |   |          |          |          |          |          |          |          |
|          | 88       |         |   |          |          |          |          |          |          |          |
| -        | 89       |         |   |          | Щ        | _        |          | L        |          | _        |
|          | 90       |         | _ | <u> </u> |          | $\vdash$ |          | L.       | L        | _        |
|          | 91       | _       | _ |          | $\vdash$ | $\vdash$ | Н        | <u> </u> | $\vdash$ | $\vdash$ |
| -        | 92<br>93 | _       | - | <u> </u> | $\vdash$ | H        | H        |          | H        | $\vdash$ |
|          | 94       |         | _ | ┝        | -        | -        |          |          |          | _        |
| -        | 95       |         | Н | $\vdash$ | <b>-</b> | Ι        | -        | _        | -        |          |
|          | 96       |         | Г | Т        | Н        |          |          |          |          |          |
|          | 97       |         | Г | Г        |          |          |          |          |          |          |
|          | 98       |         |   |          |          |          |          |          |          |          |
|          | 99       |         |   |          |          |          |          |          |          |          |
|          | 100      |         |   |          | _        |          |          |          |          |          |

| Cli        | aim               |  |          |              | -            | Date     | e          |          |              | $\neg$          |
|------------|-------------------|--|----------|--------------|--------------|----------|------------|----------|--------------|-----------------|
| -          |                   |  |          |              | Г            |          |            |          |              |                 |
| Final      | Original          |  |          |              |              |          |            |          |              |                 |
| Fi         | rig               |  |          |              |              |          |            |          |              |                 |
|            |                   |  |          |              |              |          |            |          |              |                 |
|            | 101<br>102<br>103 |  |          |              |              |          |            |          |              |                 |
|            | 102               |  |          |              |              |          |            |          |              |                 |
|            | 103               |  |          |              |              |          |            |          |              |                 |
|            | 104<br>105        |  |          |              |              |          |            |          |              |                 |
|            | 105               |  |          |              |              |          |            |          |              |                 |
|            | 106               | L  |          | L            | L            |          |            |          |              | Ш               |
|            | 107               |  | <u> </u> |              |              |          |            |          |              | Ш               |
|            | 108               |  |          |              |              |          |            |          |              | Ш               |
|            | 109<br>110        | L  | L        | <u> </u>     | _            |          | <u> </u>   |          |              | Ш               |
|            | 110               |  |          |              |              |          |            |          |              |                 |
|            | 111               | <u> </u>   | L.       | <u> </u>     | _            | ļ        | lacksquare | L.       | ļ            | Щ               |
| <u> </u>   | 112               | <u> </u>   | <u> </u> |              | <u> </u>     | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     | Щ               |
|            | 112<br>113<br>114 | <u> </u>   | <b> </b> | <u> </u>     | _            | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     | Щ               |
|            | 114               | ļ  |          |              |              |          |            | <u> </u> | <u> </u>     | Щ               |
| <u> </u>   | 115<br>116        | $\vdash$   | <u> </u> |              | ├            | <u> </u> | $\vdash$   | <u> </u> | <u> </u>     | $\vdash \dashv$ |
|            | 116               | ├  | ļ        | -            |              | <b> </b> | -          | ļ        | H            | $\vdash$        |
|            | 117               | <b>.</b>   | <u> </u> | <u> </u>     |              |          |            |          | -            | $\vdash$        |
|            | 118<br>119        | -  | <u> </u> | <del> </del> | H            | $\vdash$ | -          | ⊢        |              | Н               |
|            | 119               | H  | <u> </u> |              | H            | $\vdash$ | H          | ⊢        | H            | Н               |
|            | 120<br>121<br>122 | $\vdash$   | $\vdash$ | H            | -            | $\vdash$ | H          | ⊢        | -            | Н               |
|            | 121               | -  | ⊢        | H            | -            | -        | ├          | -        |              | Н               |
|            | 122               | $\vdash$   | ┝        | -            | ┢            | -        | ├          | $\vdash$ | <del> </del> | Н               |
|            | 123<br>124<br>125 | Н  | -        | ├            | ├─           |          |            | ├─       | <del> </del> | H               |
|            | 125               |  | -        | -            | $\vdash$     | $\vdash$ | ┢╌         | $\vdash$ | <u> </u>     | Н               |
|            | 126               | -  | ┢        |              | _            | H        |            | $\vdash$ | $\vdash$     | H               |
|            | 126<br>127        | $\vdash$   | $\vdash$ |              | $\vdash$     | Н        | $\vdash$   |          | $\vdash$     | Н               |
|            | 128               |  | $\vdash$ | _            |              |          |            |          | T            | Н               |
|            | 128<br>129        |  | -        | ┢            |              |          |            |          |              | П               |
|            | 130               |  |          |              | Г            |          |            |          |              | П               |
|            | 131<br>132        |  | _        |              |              |          |            |          |              |                 |
|            | 132               |  |          |              |              |          |            |          |              |                 |
|            | 133               | П  |          |              |              |          |            |          |              |                 |
|            | 134               |  |          |              |              |          |            |          |              |                 |
|            | 135               |  |          |              | 匚            | L        |            |          | $\Box$       |                 |
|            | 136               |  |          |              |              |          |            |          | 匚            |                 |
|            | 137               | L  | L        | _            | L            | _        |            | <u> </u> | L            | Ш               |
| L          | 138               |  | _        | L            |              | L        |            | L        | L            | Ш               |
|            | 139               | ļ  | _        | <u> </u>     |              | L        |            | L        | <u> </u>     | Ш               |
| ļ          | 140               | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>     | ⊢        | <u> </u>   | $\vdash$ | <u> </u>     | Н               |
| <b></b>    | 141               | ⊢_   | <u> </u> | <u> </u>     | ⊢            | ⊢        | ⊢          | ⊢        | <u> </u>     | Н               |
|            | 142               | ⊢  | ⊢        | <u> </u>     | <u> </u>     | ├—       | <b> </b>   | ├        | <del> </del> | Н               |
| <u> </u>   | 143               | $\vdash$   | $\vdash$ | ⊢            | <u> </u>     | <b> </b> | ⊢-         | ⊢        | <u> </u>     | Н               |
| <b> </b>   | 144               | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>     | $\vdash$ | $\vdash$   | <u> </u> | $\vdash$     | $\vdash \dashv$ |
| <b> </b> - | 145               | -  | $\vdash$ | ├—           | ⊢            | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash\dashv$  |
|            | 146               | <del>                                     </del> | ⊢        | ⊢            | $\vdash$     | ⊢        | ├-         | ├        | ⊢            | Н               |
|            | 147               | <del> </del>                                     |          | $\vdash$     | -            | ├        | -          | -        |              | H               |
| $\vdash$   | 148               | <del> </del>                                     | ├        | $\vdash$     |              |          | -          | $\vdash$ | ├            | $\vdash \vdash$ |
| _          | 149               | ⊢-   | $\vdash$ | ├            | <del> </del> | ├        | $\vdash$   | _        | -            | $\vdash$        |
| L          | 150               |  |          | L            | <u> </u>     |          | <u> </u>   | <u> </u> | <u> </u>     |                 |